

## SUPPLEMENTARY EUROPEAN SEARCH **REPORT**

Application number: EP 21 93 04 48

Classification of the application (IPC):

Technical fields searched (IPC):

H04W 48/00, H04W 48/18, H04W 4/50, H04W 4/60, H04W 28/02, H04W 88/04, H04W

H04W 88/06, H04W 76/14, H04W 76/23, H04W 84/18, H04W 92/10,

H04W 92/18, H04L 65/40

DOCUMENTS CONSIDERED TO BE RELEVANT						
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim				
X Y A	US 2010267368 A1 (MASPUTRA CAHYA [US]) 21 October 2010 (2010-10-21) * paragraphs [0018], [0036] - [0039] *	1-6, 11, 12 8 7, 9, 10, 13-15				
Y	US 2015282040 A1 (DANIEL TOMER [IL] ET AL) 01 October 2015 (2015-10-01) * paragraphs [0071], [0072], [0120] *	8				
A	EP 2385727 A1 (FRANCE TELECOM [FR]) 09 November 2011 (2011-11-09) * paragraphs [0093], [0095] *	9, 10, 14, 15				

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Date of completion of the search Place of search Examiner The Hague 25 June 2024 Kahl, Marcus

## **CATEGORY OF CITED DOCUMENTS**

- X: particularly relevant if taken alone
  Y: particularly relevant if taken alone
- particularly relevant if combined with another document of the same category
- technological background
- O: non-written disclosure
- &: member of the same patent family, corresponding document
- intermediate document
- theory or principle underlying the invention earlier patent document, but published on, or after the filing date E:
- D: document cited in the application
- L: document cited for other reasons



## **ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 25-06-2024

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Patent document in search repo		Publication date	Patent family member(s)		Publication date
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			CN	106657637 A	10-05-2017
			EP	2415244 A1	08-02-2012
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			WO	2015148037 A1	01-10-2015
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